Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Sriramapura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
51	Supplying &fixing L.T.cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers ect.b) 16 Sqmm and as per the direction of engineer in charge of work							
	RO Plant Unit							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Shivapura		1				1.00	
	Bellahalli		1				1.00	
	Agrahara layout		1				1.00	
	Thirumenahalli		1				1.00	
	Jaigopalgowda, Thanisandra		1				1.00	
						Present Qty	**8.00**	**Each**

Contractor

Consultant

Assistant Engineer

30/4

Asst. Executive Engineer
Project Division,
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
52	Providing BESCOM deposits excuding ESCOM 3 pahse energy meter (as per intimation letter from ESCOMS) for 10hp 3phase power supply under LT-5 tariff. and as per the direction of engineer in charge of work							
	RO Plant Unit							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Shivapura		1				1.00	
	Bellahalli		1				1.00	
	Agrahara layout		1				1.00	
	Thirumenahalli		1				1.00	
	Jaigopalgowda, Thanisandra		1				1.00	
						Present Qty	**8.00**	**Ls**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
53	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and as per the direction of engineer in charge of							
	Borewell							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Shivapura		1				1.00	
	Agrahara layout		1				1.00	
	Thirumenahalli		1				1.00	
	Thanisandra		1				1.00	
						Present Qty	**7.00**	**Each**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

30/4

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05

Detailed Measurements

First and Part Bill

Premeasurment Recorded on		30/4/2018,2/5/2018					
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
54	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and as per the direction of engineer in charge of work 0 m to 50m							
	Borewell							
	0 to 50.00m							
	Vinayakanagar		1	50.00			50.00	
	Palanahalli		1	50.00			50.00	
	Dwarakanagar		1	50.00			50.00	
	Shivapura		1	50.00			50.00	
	Agrahara layout		1	50.00			50.00	
	Thanisandra		1	50.00			50.00	
	Thirumenahalli		1	50.00			50.00	
						Present Qty	**350.00**	**m**
55	50 to 100.00m							
	Vinayakanagar		1	50.00			50.00	
	Palanahalli		1	50.00			50.00	
	Dwarakanagar		1	50.00			50.00	
	Shivapura		1	50.00			50.00	
	Agrahara layout		1	50.00			50.00	
	Thanisandra		1	50.00			50.00	
	Thirumenahalli		1	50.00			50.00	
						Present Qty	**350.00**	**m**
56	100 to150.00m							
	Vinayakanagar		1	50.00			50.00	
	Palanahalli		1	50.00			50.00	
	Dwarakanagar		1	50.00			50.00	
	Shivapura		1	50.00			50.00	
	Agrahara layout		1	50.00			50.00	
	Thanisandra		1	50.00			50.00	
	Thirumenahalli		1	50.00			50.00	
						Present Qty	**350.00**	**m**
57	150 to 200.00m							
	Vinayakanagar		1	50.00			50.00	
	Palanahalli		1	50.00			50.00	
	Dwarakanagar		1	50.00			50.00	
	Shivapura		1	50.00			50.00	

	Agrahara layout		1	50.00			50.00	
	Thanisandra		1	50.00			50.00	
	Thirumenahalli		1	50.00			50.00	
						Present Qty	**350.00**	**m**
58	200 to 250.00m							
	Vinayakanagar		1	50.00			50.00	
	Palanahalli		1	50.00			50.00	
	Dwarakanagar		1	50.00			50.00	
	Shivapura		1	50.00			50.00	
	Thanisandra		1	50.00			50.00	
	Agrahara layout		1	50.00			50.00	
						Present Qty	**300.00**	**m**
59	250 to 300.00m							
	Vinayakanagar		1	49.00			49.00	
	Palanahalli		1	31.00			31.00	
	Dwarakanagar		1	60.00			60.00	
	Shivapura		1	49.00			49.00	
	Thanisandra		1	161.00			161.00	
	Agrahara layout		1	43.00			43.00	
						Present Qty	**393.00**	**m**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

30/4/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
60	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		1	57.93			57.93	
	Palanahalli		1	64.02			64.02	
	Dwarakanagar		1	64.02			64.02	
	Shivapura		1	76.22			76.22	
	Agrahara layout		1	64.02			64.02	
	Thanisandra		1	56.00			56.00	
	Thirumenahalli		1	64.02			64.02	
						Present Qty	**446.24**	**m**

Contractor

Consultant

Assistant Engineer

2/5/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
61	Providing 250mm dia PVC Pipe BWSSB and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		1	18.00			18.00	
	Palanahalli		1	24.00			24.00	
	Dwarakanagar		1	18.00			18.00	
	Shivapura		1	17.00			17.00	
	Bellahalli		1	18.00			18.00	
	Agrahara layout		1	21.00			21.00	
	Thirumenahalli		1	18.00			18.00	
	Thanisandra		1	18.00			18.00	
						Present Qty	**152.00**	**mtrs**
						Upto 125%	**135.00**	**mtrs**
						Above 125%	**17.00**	**mtrs**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

2/5/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05

Detailed Measurements

First and Part Bill

Premeasurment Recorded on		30/4/2018,2/5/2018					
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
62	Providing 175mm dia ms casing cap and as per the direction of engineer in charge of work							
	Borewell						1.00	
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Agrahara layout		1				1.00	
	Thanisandra		1				1.00	
	Thirumenahalli		1				1.00	
						Present Qty	**6.00**	**nos**

Contractor

Assistant Engineer

Consultant

2/5/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
63	Providing MS Casing pipe collars and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		8.00				8.00	
	Palanahalli		9.00				9.00	
	Dwarakanagar		9.00				9.00	
	Shivapura		11.00				11.00	
	Agrahara layout		9.00				9.00	
	Thanisandra		9.00				9.00	
	Thirumenahalli		9.00				9.00	
						Present Qty	**64.00**	**nos**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

2/5/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
64	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings and as per the direction of engineer in charge of work							
						Present Qty		nos

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
65	Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		1	288.00			288.00	
	Palanahalli		1	270.00			270.00	
	Dwarakanagar		1	300.00			300.00	
	Agrahara layout		1	276.00			276.00	
	Thanisandra		1	336.00			336.00	
	Thirumenahalli		1	186.00			186.00	
						Present Qty	**1656.00**	**m**

Contractor

Consultant

Assistant Engineer

2/5/18

Asst Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
66	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		2	288.00			576.00	
	Palanahalli		2	270.00			540.00	
	Dwarakanagar		2	300.00			600.00	
	Agrahara layout		2	276.00			552.00	
	Thirumenahalli		2	186.00			372.00	
	Thanisandra		2	386.00			772.00	
	Power							
	Vinayakanagar		1	18.00			18.00	
	Palanahalli		1	20.00			20.00	
	Dwarakanagar		1	12.00			12.00	
	Agrahara layout		1	18.00			18.00	
	Thanisandra		1	15.00			15.00	
	Thirumenahalli		1	30.00			30.00	
						Present Qty	**3525.00**	**m**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Velahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
67	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length pno 558 ino 3 bwssb and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		47				47.00	
	Palanahalli		44				44.00	
	Dwarakanagar		49				49.00	
	Agrahara layout		45				45.00	
	Thanisandra		55				55.00	
	Thirumenahalli		30				30.00	
						Present Qty	**270.00**	**Nos**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
68	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Agrahara layout		1				1.00	
	Thanisandra		1				1.00	
	Thirumenahalli		1				1.00	
						Present Qty	**6.00**	**nos**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
69	KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of							
	Borewell							
	Vinayakanagar		1	18.00			18.00	
	Palanahalli		1	20.00			20.00	
	Dwarakanagar		1	12.00			12.00	
	Agrahara layout		1	18.00			18.00	
	Thanisandra		1	20.00			20.00	
	Thirumenahalli		1	30.00			30.00	
						Present Qty	**118.00**	**m**

Contractor

Consultant

Assistant Engineer

2/5/18

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore